



PATENT  
P56133

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

JANG-HO PARK, et al.

Serial No.: 09/617,140 ✓

Examiner: McCarthy, Christopher S.

Filed: 14 July 2000

Art Unit: 2113

For: PORTABLE COMPUTER SYSTEM FOR INDICATING POWER-ON SELF-TEST  
STATE ON LED INDICATOR

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: ISSUE FEE  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**U.S. PATENT REFERENCE:**

- U.S. Patent No.5,646,535 to Dornier, entitled DIAGNOSTIC DISPLAY USING FRONT PANEL LEDS, issued 8 July 1997.

**OTHER DOCUMENTS:**

- Office Action for Korean Application No. 10-1999-0028925, dated 22 December 2004.

## **DISCUSSION**


**Dornier US'535**, according to the Korean Office Action in applicant's patent priority application Serial No. 10-1999-0028925, discloses that a computer system has dual-color LEDs for the LEDs conventionally indicating power on and hard disk drive activity, and a control circuit drives the LEDs in on-off and color combinations to indicate diagnostic information. In a preferred embodiment, a control circuit for controlling the LEDs is addressable as a port, and state combinations on the LEDs are set according to data sent to the port address of the control circuit. Also in a preferred embodiment, a POST routine for the computer system is divided into specific tests and groups of tests by commands configured to write a specific data string to a port address depending upon the position of the control command in the POST routine.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

Pursuant to 37 C.F.R. §1.97(c)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Respectfully submitted,

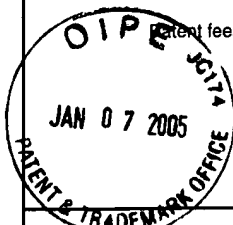
A handwritten signature in black ink, appearing to read "R. E. Bushnell", is written over a horizontal line.

Robert E. Bushnell  
Reg. No.: 27,774  
Attorney for the Applicant

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Folio: P56133  
Date: 7 January 2005  
I.D.: REB/fw

# FEE TRANSMITTAL

Patent fees are subject to annual revision.



## Complete If Known

Application Number	09/617,140
Filing Date	14 July 2000
First Named Inventor	JANG-HO PARK
Examiner Name	MCCARTHY, CHRISTOPHER S.
Group/Art Unit	2113
Attorney Docket No.	P56133

TOTAL AMOUNT OF PAYMENT

(\$ 180.00)

## METHOD OF PAYMENT (check one)

### 1. Payment Enclosed:

(CHECK #48589)

☒ Check ☐ Credit Card ☐ Money Order  
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: 02-4943

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>EXTENSION OF TIME FEES</b>					
1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$
<b>APPEAL</b>					
1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$
<b>CLAIMS</b>					
1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: LEFT COLUMN**

**\$0.00**

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>MISCELLANEOUS</b>					
1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$ 180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
1501	\$1,400	2501	\$685	Utility issue fee (or reissue)	\$
1504	\$300	1504	300	Publication fee for early, voluntary, or normal publication	\$
8021	\$40			Recordation of assignment per property	\$
<b>TRADEMARK</b>					
6001/7001			\$335	Application for registration, per class	\$
6002/7002			\$100	Amendment to Allege Use, per class	\$
6003/7003			\$100	Statement of Use, per class	\$
6004/7004			\$150	Request for six-month extension of time, per class	\$
6205/7205			\$100	\$8 affidavit, per class	\$
6208/7208			\$200	\$15 affidavit, per class	\$
6201/7201			\$400	Application for renewal, per class	\$
6403/7403			\$100	Ex parte appeal, per class	\$
<b>PETITION</b>					
1462			\$400	Petitions to Director (Group I)	\$
1463			\$200	Petitions to Director (Group II)	\$
1464			\$130	Petitions to Director (Group III)	\$
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$
<b>PATENT MAINTENANCE</b>					
1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: RIGHT COLUMN**

**\$ 180.00**

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	7 January 2005
		Deposit Account User ID	

REB/fw

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# INFORMATION DISCLOSURE STATEMENT

SERIAL NUMBER 09/617,140

DOCKET NO. P56133

APPLICANT JANG-HO PARK, et al.

FILING DATE 14 July 2000

GROUP 2113

PTO-1449 (PAGE 1 OF 1)

JAN 07 2005

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 5,646,535	07/97	Dornier			

## FOREIGN PATENT DOCUMENTS

### TRANSLATION

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Korean Office Action of the Korean Patent Publication No. 1999-28925, issued on 22 Dec 2004 (English translation attached)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.